

Master of Science (Professional Mathematics/Statistics) (MSMS) - MSc (Prof Math/Stat)

CRICOS code (International applicants): 056706C

This program is offered only to continuing students. No new admissions will be accepted. Students who are interested in this study area should [contact us](#).

	On-campus	Distance education
Campus:	Toowoomba	Toowoomba
Fees:	Domestic full fee paying place International full fee paying place	Domestic full fee paying place International full fee paying place
Standard duration:	2 years full-time, 4 years part-time maximum	
Program articulation:	From: Graduate Diploma of Mathematics	

Contact us

Current students

[Ask a question](#)

Freecall (within Australia): 1800 007 252

Phone (from outside Australia): +61 7 4631 2285

Email: usq.support@usq.edu.au

Program focus

The Master of Science (Professional Mathematics and Statistics) program is designed to provide an opportunity for graduates from any discipline to gain skills and knowledge in key areas of mathematics and/or statistics which relate to their needs and the needs of their profession or industry. The aim of this program is, therefore, to provide students with a broad education in mathematical and/or statistical techniques and, if appropriate, studies in other areas of interest to them, for example, Mathematics Education, which will meet their needs and assist them in their professional development.

Program objectives

At the completion of the program, graduates will:

- be able to demonstrate at least a sound knowledge of some important theories and techniques of applied mathematics and/or statistics
- be able to use a wide range of mathematical and/or statistical techniques to formulate and solve problems from science and technology
- be able to formulate and apply mathematical models in a variety of situations including: statistical, probabilistic, and computational

- at least four units of courses must be at Level 8
- with approval of the Masters Studies Coordinator, at most three units of courses of study, which are not listed in the Coursework section, may be taken from a related area of interest to the student. For example, a student working in bioinformatics might also want to study areas of computing or biology or a student with an interest in Mathematics Education could take suitable courses offered by the Faculty of Education.

All courses may be taken in either on-campus or external mode.

Students wishing to proceed to research in Mathematics or Statistics should study [MSC8001 Research Project Methodology](#) and [MSC8002 Research Project Dissertation](#).

Program completion requirements

In order to complete the program students must pass 12 units of courses, at least four of which are to be at level 8, and at least nine of which are to be from the courses (including Level 8) listed in the Coursework section. The Masters Studies Coordinator's approval must be obtained before an

courses completed which are similar to those in the Coursework section. Normally these would be drawn from incomplete postgraduate programs of study and may be studied on a cross-institutional basis.

Course transfers

Transfer of credit for completed USQ courses from incomplete programs to the Master of Science (Professional Mathematics/Statistics) program will be allowed in accordance with USQ re